

Patent Abstracts of Japan

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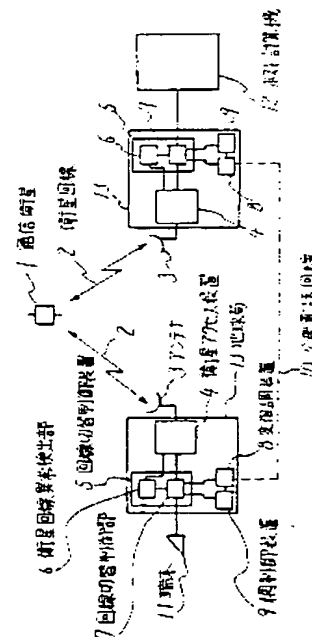
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TITLE : LINE SWITCHING CONTROLLER FOR
SATELLITE COMMUNICATION
SYSTEM



ABSTRACT : PURPOSE: To quickly cope with abnormality of a satellite communication system line without making any corresponding works on user side equipment and discontinuing the communication by connecting a satellite channel switching controller composed of a satellite channel abnormality detecting section and channel switching controlling section to the satellite accessing device of an earth station and automatically switching the satellite channel to a ground line when the satellite channel becomes defective.

CONSTITUTION: When a fault occurs in a communication satellite 1 or the satellite channel 2 becomes nonusable due to rain, etc., the satellite channel abnormality detecting section 6 in a line switching controller 5 connected with the satellite accessing device 4 detects the abnormality of the satellite channel 2 from the non-responding state of the accessing device 4 and the line connected to the accessing device 4 from a terminal 11 and host computer 12 is automatically switched to a public telephone line 10 through a MODEM 8 while the line switching controlling section controls a network controller 9. Thus the terminal and host computer are automatically switched to a ground detouring line when the satellite channel becomes defective.

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